CERTIFICATE OF ANALYSIS

Cannabinoids Test

GSL SOP 400

SHIMADZU INTEGRATED UPLC-PDA



Order #: 35288 Order Name: ORIGINAL HEMP 1000 MG VANILLA Batch#: 45135 Received: 08/23/2019 Completed: 08/27/2019

Arise Bioscience

4855 Technology Way, Suite 500 Boca Raton FL, 33431 (866) 407-1164



UPLOADED: 08/26/2019 17:15:49

Sample

0.090% 3.268%

1,043.7 mg Cannabinoids per tincture 921.8 mg CBD per tincture

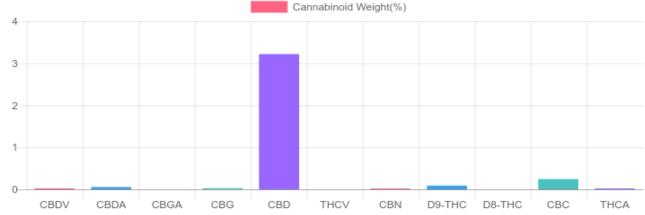
Total CBD

D9-THC

1 tincture = 30 ml per tincture x density (0.94) x Cannabinoid concentration

Cannabinoids	LOQ	weight(%)	mg/g	mg/tincture
D9-THC	10 PPM	0.090%	0.896	25.3
THCA	10 PPM	0.022%	0.222	6.3
CBD	10 PPM	3.219%	32.194	907.9
CBDA	20 PPM	0.056%	0.562	15.8
CBDV	20 PPM	0.023%	0.227	6.4
CBC	10 PPM	0.244%	2.444	68.9
CBN	10 PPM	0.019%	0.187	5.3
CBG	10 PPM	0.028%	0.278	7.8
CBGA	20 PPM	N/D	N/D	N/D
D8-THC	10 PPM	N/D	N/D	N/D
THCV	10 PPM	N/D	N/D	N/D
TOTAL D9-THC		0.090%	0.896	25.3
TOTAL CBD*		3.268%	32.687	921.8
TOTAL CANNABINOIDS		3.701%	37.010	1,043.7

PREPARED: 08/23/2019 20:23:21



Reporting Limit 10 ppm *Total CBD = CBD + CBDA x 0.877

N/D - Not Detected, B/LOQ - Below Limit of Quantification



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Dr. Andrew Hall, Ph.D., CSO & Lab Director

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